

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A23K1/16 A23K1/18 A23L1/302 A23L1/304 A61P1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A23K A23L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, FSTA, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/150653 A1 (BAILEY STEVEN W ET AL) 17 October 2002 (2002-10-17) paragraphs '0011!, '0036!, '0040! – '0048! -----	1-10
Y	WO 03/061401 A (BELMONT EQUINE PRODUCTS LIMITED; MCCORMICK, RICHARD) 31 July 2003 (2003-07-31) page 1, lines 15-24 page 3, line 11 – page 4, line 4 -----	1-10
Y	WO 96/35337 A (NORSK HYDRO A.S; HJOERNEVIK, LEIF; JOHNSEN, FREDDY; PLOENES, FRANZ) 14 November 1996 (1996-11-14) page 1, paragraph 3; example 3; table 4 ----- -/-	1-10

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the International search

19 April 2005

Date of mailing of the International search report

27/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Rooney, K

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>DATABASE MEDLINE 'Online! US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US; 17 November 1970 (1970-11-17), BIANCO G ET AL: "'Clinical observations on the therapeutic effect of a new synthetic preparation in rheumatic diseases!" XP002324576 Database accession no. NLM5312625 abstract &amp; MINERVA MEDICA. 17 NOV 1970, vol. 61, no. 92, 17 November 1970 (1970-11-17), pages 5234-5240, ISSN: 0026-4806</p> <p>-----</p>	1,10
Y	<p>ROGERS P J: "A HEALTHY BODY, A HEALTHY MIND: LONG-TERM IMPACT OF DIET ON MOOD AND COGNITIVE FUNCTION" PROCEEDINGS OF THE NUTRITION SOCIETY, LONDON, GB, vol. 60, no. 1, February 2001 (2001-02), pages 135-143, XP008003310 ISSN: 0029-6651 page 137, column 2, paragraphs 2,3</p> <p>-----</p>	1,10
A	<p>US 5 198 216 A (MCGEE ET AL) 30 March 1993 (1993-03-30) claim 1; tables 1b-5b</p> <p>-----</p>	1-10
A	<p>US 2003/077254 A1 (RAMAEKERS JOSEPH C) 24 April 2003 (2003-04-24) the whole document</p> <p>-----</p>	1-10
A	<p>GB 1 420 883 A (HOFFMANN LA ROCHE CO AG F) 14 January 1976 (1976-01-14) page 2, lines 104-118; claim 1</p> <p>-----</p>	1-10
A	<p>DE 25 59 569 A1 (HOFMANN, JOSEF) 28 April 1977 (1977-04-28) the whole document</p> <p>-----</p>	1-10
A	<p>WOLTER R: "DIETETIQUE DU CHEVAL-ATHLETE" SCIENCE AND SPORTS, ED. SCIENTIFIQUES ELSEVIER, PARIS, FR, vol. 8, no. 2, 1993, pages 117-126, XP008016796 ISSN: 0765-1597 the whole document</p> <p>-----</p>	1-10
A	<p>ZA 9 605 149 A (DAVIS HENRY JOHN; OCHS GERALD MICHAEL) 23 January 1997 (1997-01-23) page 1, paragraph 1 page 4, paragraphs 1,2</p> <p>-----</p>	1-10

-/-

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/NO2004/000374

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 25 59 570 A1 (HOFMANN, JOSEF) 28 April 1977 (1977-04-28) example 1 -----	1-10
A	DATABASE MEDLINE 'Online! US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US; 2003, TAYLOR M J ET AL: "Folate for depressive disorders." XP002324592 Database accession no. NLM12804463 cited in the application abstract & COCHRANE DATABASE OF SYSTEMATIC REVIEWS (ONLINE : UPDATE SOFTWARE) 2003, no. 2, 2003, page CD003390, ISSN: 1469-493X -----	10
A	DATABASE MEDLINE 'Online! US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US; 2 December 2003 (2003-12-02), HINTIKKA JUKKA ET AL: "High vitamin B12 level and good treatment outcome may be associated in major depressive disorder." XP002324593 Database accession no. NLM14641930 cited in the application abstract & BMC PSYCHIATRY 'ELECTRONIC RESOURCE!. 2 DEC 2003, vol. 3, no. 1, 2 December 2003 (2003-12-02), page 17, ISSN: 1471-244X -----	10

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## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/NO2004/000374

### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: —  
because they relate to subject matter not required to be searched by this Authority, namely:  

Although claims 8–10 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2.  Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3.  Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

#### Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

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